



# ARIZONA CROPS

September 2004

Released September 14, 2004, by the Arizona Agricultural Statistics Service and University of Arizona, College of Agriculture, 3003 N Central Avenue, Suite 950, Phoenix, Arizona 85012-2994, (602) 280-8850, Fax: (602) 280-8897 [www.nass.usda.gov/az/](http://www.nass.usda.gov/az/)

## United States Cotton Production Up 14 Percent From 2003

All cotton production is forecast at 20.9 million bales, up 4 percent from last month and 14 percent above last year's 18.3 million bales. Yield is expected to average 758 pounds per acre, up 31 pounds from last month and 28 pounds from 2003. If realized, both production and yield would be the largest on record.

Upland cotton harvested area, at 13.0 million acres, is down 1 percent from August, but 10 percent above 2003. Based on administrative information, Arkansas, Florida, Georgia, Kansas, Missouri, and Tennessee have fewer harvested acres compared with a month ago. Arizona and New Mexico increased their harvested acreage from the previous month.

American-Pima harvested area, at 253,000 acres, is up 3,000 acres from last month and up 43 percent from last year. American-Pima production is forecast at 710,000 bales, up 1 percent from August and up 64 percent from 2003. The increase from last month is due to added harvested acres in New Mexico. The U.S. yield is forecast at 1,347 pounds per harvested acre, down 3 pounds from the August forecast. If realized, this would be 5 pounds above the record high yield established in 2002.

Ginnings totaled 563,400 running bales prior to September 1, compared with 566,650 running bales ginned prior to the same date last year and 538,450 running bales in 2002.

**Cotton: Area Harvested, Yield, and Production, by Type, State, and United States, 2003 and Forecasted September 1, 2004**

Type and State	Area Harvested		Yield			Production 1/	
	2003	2004	2003	2004		2003	2004
				August 1	September 1		
	1,000 Acres			Pounds		1,000 Bales 2/	
<b><u>Upland</u></b>							
AL	510.0	545.0	772	749	749	820.0	850.0
<b>AZ</b>	<b>213.0</b>	<b>236.0</b>	<b>1,239</b>	<b>1,284</b>	<b>1,322</b>	<b>550.0</b>	<b>650.0</b>
AR	945.0	920.0	916	877	903	1,804.0	1,730.0
CA	545.0	557.0	1,317	1,422	1,465	1,495.0	1,700.0
GA	1,290.0	1,260.0	785	738	762	2,110.0	2,000.0
LA	510.0	490.0	967	637	637	1,027.0	650.0
MS	1,090.0	1,080.0	934	800	800	2,120.0	1,800.0
MO	390.0	385.0	862	849	823	700.0	660.0
NM	38.0	64.0	884	960	938	70.0	125.0
NC	770.0	725.0	646	728	742	1,037.0	1,120.0
OK	170.0	195.0	616	645	645	218.0	262.0
SC	218.0	218.0	718	731	731	326.0	332.0
TN	530.0	540.0	806	833	827	890.0	930.0
TX	4,350.0	5,500.0	478	550	611	4,330.0	7,000.0
VA	85.0	81.0	674	877	836	119.4	141.0
Other States 3/	172.0	174.0	576	681	648	206.5	235.0
US	11,826.0	12,970.0	723	716	747	17,822.9	20,185.0
<b><u>Amer-Pima</u></b>							
<b>AZ</b>	<b>2.4</b>	<b>3.0</b>	<b>920</b>	<b>960</b>	<b>960</b>	<b>4.6</b>	<b>6.0</b>
CA	149.0	219.0	1,194	1,403	1,403	370.5	640.0
NM	6.0	11.0	1,056	840	916	13.2	21.0
TX	20.0	20.0	1,056	1,032	1,032	44.0	43.0
US	177.4	253.0	1,170	1,350	1,347	432.3	710.0
<b><u>All Cotton</u></b>							
<b>US</b>	<b>12,003.4</b>	<b>13,223.0</b>	<b>730</b>	<b>727</b>	<b>758</b>	<b>18,255.2</b>	<b>20,895.0</b>

1/ Production ginned and to be ginned.

2/ 480-Lb. net weight bales.

3/ Other States include FL and KS. Individual State level estimates will be published in the "Crop Production 2004 Summary."

### Corn Production Up Fractionally from August Forecast

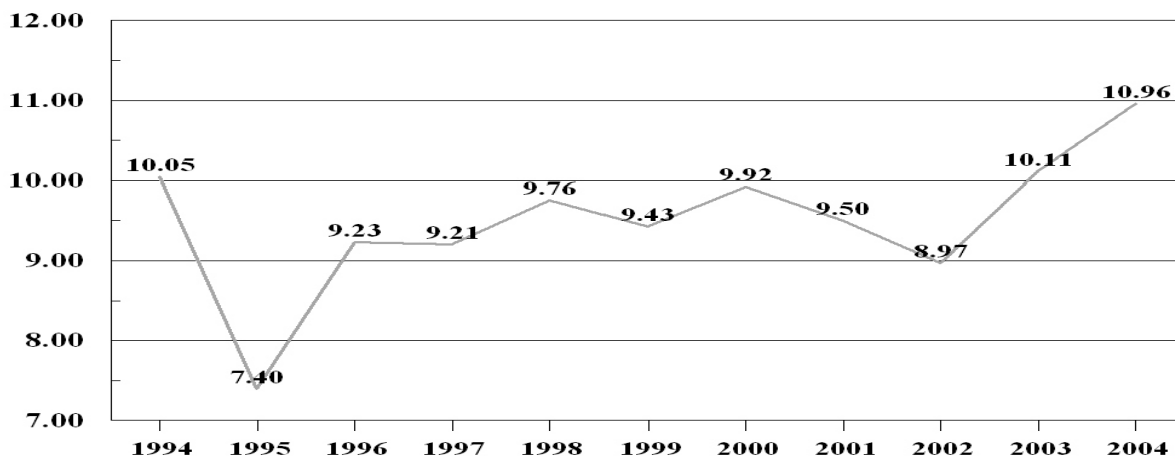
U.S. corn production is forecast at 11.0 billion bushels, up fractionally from last month and 8 percent above 2003. Based on conditions as of September 1, yields are expected to average 149.4 bushels per acre, up 0.5 bushel from August and 7.2 bushels above last year. If realized, both production and yield would be the largest on record. The previous record for both was set last year when production was estimated at 10.1 billion bushels and yield was 142.2 bushels per acre. Yields are forecast at record high levels in all Corn Belt States, except Minnesota and Wisconsin, as weather conditions have been mostly favorable throughout the growing season. However, brief periods of freezing temperatures in the northern Corn Belt and adjacent areas of the Great Plains raised concerns about the crop being able to fully develop before a killing frost occurs.

### Sorghum Production up 2 Percent from August Forecast

U.S. sorghum production is forecast at 472 million bushels, up 2 percent from last month and up 15 percent from 2003. Based on September 1 conditions, the sorghum yield is forecast at 68.3 bushels per acre, up 1.1 bushels from August and 15.6 bushels from last year. The yield forecast for Kansas, at 75 bushels, is up 3 bushels from last month. Texas, the second leading producer, expects a yield of 61 bushels per acre, unchanged from August. Acreage expected to be harvested for grain in the U.S. is 6.92 million acres, unchanged from August but 11 percent lower than 2003 harvested grain acreage. Across much of the Great Plains and western Corn Belt, development of the crop has been behind normal due to cool temperatures. On August 29, the crop had progressed to 24 percent mature, compared with 26 percent last year and 32 percent for the 5-year average. In Kansas, the crop was only 3 percent mature, compared with 6 percent a year ago and 13 percent for the 5-year average. The cool, damp weather has not severely impacted crop condition, as 65 percent was rated good to excellent, compared to 52 percent at this time last year.

## U.S. Corn Production

Billion Bushels



## All Potatoes 2003

Final production of potatoes from all four seasons in 2003 totaled 458 million cwt, virtually unchanged from a year earlier but 5 percent above 2001. Area harvested is estimated at 1.25 million acres, down 1 percent from 2002 but 2 percent above 2001. The yield, averaging 367 cwt per acre, increased 5 cwt from a year earlier and is 9 cwt more than 2001. Winter production in 2003 dropped 4 percent from 2002. Spring and summer production rose 9 percent and 5 percent, respectively, from a year earlier. Fall potatoes decreased 1 percent in 2003 from the previous year.

### Spring Potatoes and All Potatoes: Area Harvested, Yield, and Production by State, and Total, 2003-2004 1/

State	Area Harvested		Yield		Production	
	2003	2004	2003	2004	2003	2004
	1,000 Acres		Cwt		1,000 Cwt	
<b>AZ</b>	<b>7.6</b>	<b>6.2</b>	<b>275</b>	<b>285</b>	<b>2,090</b>	<b>1,767</b>
CA	19.0	17.5	440	380	8,360	6,650
FL	28.6	22.5	280	249	8,008	5,605
Hastings	20.3	16.0	280	265	5,684	4,240
Other	8.3	6.5	280	210	2,324	1,365
NC	17.0	15.0	175	190	2,975	2,850
TX	12.5	10.5	240	210	3,000	2,205
Total	84.7	71.7	288	266	24,433	19,077
All Potatoes 2/						
US	1,248.6	1,163.6	367		457,814	

1/ Estimates for current year carried forward from earlier forecast.

2/ The forecast of 2004 All Potato Production will be published in the November "Crop Production".

## Spring Onions

The end-of-season spring onion production estimate, at 11.4 million cwt, is up 20 percent from last year. Acres harvested, at 35,300, are up 13 percent from a year ago, while yield, at 323 cwt per acre, is up 19 cwt per acre from 2003. The value of the spring crop is estimated at 225 million dollars, 21 percent less than last year.

### Spring Onions: Area Planted And Harvested, Yield, Production, And Value, 2003-2004 1/

Spring Onions: Area Planted And Harvested, Yield, Production, And Value, 2003-2004 1/												
State	Area				Yield per Acre		Production		Value			
	Planted		Harvested		2003	2004	2003	2004	Per Cwt		Total	
	2003	2004	2003	2004					2003	2004	2003	2004
	Acres				Cwt		1,000 Cwt		Dollars		1,000 Dollars	
AZ 1/	1,500	1,600	1,500	1,600	500	500	750	800	9.89	8.80	7,418	7,040
CA	6,400	6,900	6,200	6,700	490	495	3,038	3,317	22.90	15.10	69,570	50,087
GA	14,000	16,500	12,500	14,500	175	260	2,188	3,770	34.30	23.50	75,048	88,595
TX	12,800	14,500	11,000	12,500	320	280	3,520	3,500	38.10	22.60	134,112	79,100
Total	34,700	39,500	31,200	35,300	304	323	9,496	11,387	30.10	19.70	286,148	224,822

1/ Primarily fresh.

## PUBLISHED MONTHLY

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## RELEASE DATES FOR UPCOMING NATIONAL REPORTS

September 23 ..... Potatoes  
 September 23 ..... Citrus Fruits  
 September 24 ..... Cotton Ginnings  
 September 29 ..... Agricultural Prices  
 September 30 ..... Grain Stocks  
 September 30 ..... Small Grains Summary  
 October 1 ..... Vegetables  
 October 12 ..... Cotton Ginnings  
 October 12 ..... Crop Production

**August Farm Prices Received Index Down  
4 Points From Last Month**

The preliminary All Farm Products Index of Prices Received by Farmers in August is 120, based on 1990-92=100, is 4 points (3.2 percent) below the July Index. Declines occurred in both the Crop Price Index and the Livestock Price Index. The Crop Index, declined 2 points (1.7 percent) from July while the Livestock Index decreased 6 points (4.7). Producers received higher commodity prices for lettuce, tomatoes, strawberries, and cantaloup. Lower prices were received for broilers, soybeans, dairy, and corn. The seasonal change in the mix of commodities farmers sell, based on the past 3-year average, also affects the overall index. Increased average marketings of tobacco, cattle, grapes, and sweet corn offset decreased marketing of wheat, hay, dairy, and broilers. The preliminary All Farm Products Index is up 11 points (10 percent) from August 2003.

The Food Commodities Index declined 3 points (2.4 percent) from last month to 124. The index stands 14 points (13) above August 2003.

**Prices Paid Index Unchanged**

The August Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) is 135 percent of the 1990-92 average. The index is up 1 point from July and 8 points (6.3 percent) above August 2003. Higher prices in August for complete feeds, diesel fuel, feeder cattle, and nitrogen fertilizers, more than offset lower prices for feed grains, other machinery, feed supplements, and feed concentrates.

**Prices Received by Farmers: Arizona and U.S., August 2003 and 2004 and July 2004**

Commodity	Unit	ARIZONA			UNITED STATES		
		August 2003 Entire Month	July 2004 Entire Month	August 2004 Mid-Month	August 2003 Entire Month	July 2004 Entire Month	August 2004 Mid-Month
Upland Cotton 1/	¢ Lb	2/	2/	2/	46.3	54.5	52.5
All Wheat 3/	\$ Cwt	---	---	---	111.70	112.30	104.30
Durum Wheat 3/	\$ Cwt	---	---	---	126.00	137.00	127.70
Winter Wheat 3/	\$ Cwt	---	---	---	109.30	110.70	100.70
All Hay Baled 4/	\$ Ton	87.00	100.00	91.00	85.00	90.40	89.80
Alfalfa Hay Baled 4/	\$ Ton	88.00	100.00	90.00	91.90	98.40	97.40
Other Hay Baled 4/	\$ Ton	82.00	95.00	100.00	66.70	70.90	70.00
Cows 5/	\$ Cwt	43.80	52.20	54.30	44.50	56.30	55.50
Steers and Heifers	\$ Cwt	84.80	106.00	106.00	82.90	91.80	91.50
Beef Cattle 6/	\$ Cwt	84.40	105.00	105.00	79.30	88.50	88.10
Calves	\$ Cwt	98.80	125.00	131.00	106.00	131.00	131.00
All Milk 7/	\$ Cwt	13.00	16.40	14.60	13.30	16.00	15.00

1/ Includes both spot and contract sales.

2/ Price not published to avoid disclosure of individual operations.

3/ Not available for Arizona.

4/ Mid-month.

5/ Beef cows and cull dairy cows sold for slaughter.

6/ "Cows" and "steers and heifers" combined.

7/ Preliminary; before deductions for hauling. Includes quality, quantity and other premiums. Excludes hauling subsidies.

**U.S. Price Index Summary Table**

INDEX 1990-92 = 100	2003		2004	
	July	August	July	August
Prices Received	105	109	124	120
Prices Paid	127	127	134	135
Ratio 1/	83	86	93	89

1/ Ratio of index of prices received by farmers to index of prices paid by farmers.